

# **BEYER WEAVER & THOMAS, LLP**

INTELLECTUAL PROPERTY LAW

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**MAR 24 2005**

## **FACSIMILE COVER SHEET**

March 24, 2005

**Receiver:** Paul E. Brock II, Patent Examiner, Art Unit 2815

**TEL #:** (571) 272-1723

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**Sender:** Francis T. Kalinski II, Registration No. 44,177

**Our Ref. No.:** 03-1119/LSI1P235

**Re:** AMENDMENT A  
U.S. Patent Application No. 10/721,971  
Filed: November 24, 2003  
Title: "Method for Creating Barrier Layers for Copper Diffusion"

**Pages Including Cover Sheet(s):** 13

### **MESSAGE:**

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#### **CONFIDENTIALITY NOTE**

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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: SUN et al.

Attorney Docket No.:

03-1119/LSIIP235

Application No.: 10/721,971

Examiner: BROCK II, Paul E.

Filed: November 24, 2003

Group: 2815

Title: METHOD FOR CREATING BARRIER  
LAYERS FOR COPPER DIFFUSION

Confirmation No.: 6990

## CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being transmitted by facsimile to fax number 703-872-9306 to the U.S. Patent and Trademark Office on March 24, 2005.

Signed:

  
Sue Funchess

## AMENDMENT A TRANSMITTAL

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

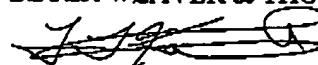
Transmitted herewith is an Amendment in the above-identified application.

The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	20	MINUS	20	0	x 25 =	x 50 = \$-0-
Independent Claims	2	MINUS	3	0	x 100 =	x 200 = \$-0-
Multiple Dependent Claim Present and Fee Not Previously Paid					\$180.00	\$360.00
Total					\$	\$-0-

- ☐ Applicant(s) hereby petition for a \_\_\_\_\_ month extension(s) of time to respond to the aforementioned Office Action.
- ☒ Applicant(s) believe that no (additional) Extension of Time is required; however, if it is determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 12-2252 (Order No. 03-1119).
- ☐ Enclosed is our Check No. \_\_\_\_\_ in the amount of \$\_\_\_\_\_ to cover the additional claim fee and/or extension of time fees.
- ☒ Please charge the required fees, or any additional fees required to facilitate filing the enclosed response, to Deposit Account No. 12-2252 (Order No. 03-1119).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP



Francis T. Kalinski II  
Registration No. 44,177

P.O. Box 70250  
Oakland, CA 94612-0250

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Signed: Sue Funchess

Sue Funchess

**AMENDMENT A**Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Examiner Brock:

This Amendment is in response to the Office Action dated January 19, 2005. It is respectfully requested that the above-referenced patent application be reconsidered in light of the amendments and comment included hereinbelow. Kindly amend the above-entitled application as set forth below:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Amendments to the Drawings** are reflected on page 6 of this paper as new Figure 2F' and are attached to the end of this paper.

**Remarks/Arguments** begin on page 7 of this paper.